

GOL'DIN, S., inzh.; ZAROVKINA, N., inzh.; MINKEVICH, V., inzh.

Assembly of large-panel houses in Minsk. Zbil. stroi. no.7:9-10
Jl '61. (MIRA 14:8)
(Minsk--Precast concrete construction) (Apartment houses)

KHACHATRYANTS, I., inzh.; ZAROVKINA, N., inzh.; KHACHATRYANTS, K., inzh.

Reducing manual labor in large-panel construction. Zhil. stroi.
no.8:20-21 '65. (MIRA 18:8)

FRADKIN, S.A., inzh.; SOROKIN, Ya.F., inzh.; ZAROVKINA, N.S., inzh.;
GOFENSHTEIN, A.F., inzh.

Manufacture of standard wire-reinforced concrete beams. Part.
I zhel. bet. no. 7 315-319 J1 '61. (MIRA 32:7)
(Beams and girders)

ALTAYEV, S.S., dots., kand.tekhn.nauk; GOL'DIN, S.Yu.; ZAROVKINA, N.S.;
KONSTANTINOVSKIY, D.Ya.; KOLOMENKIN, Ye.I.; KASPER, M., red.;
DOMOVSKAYA, G., tekhn. red.

[Handbook for the assembler in large-element housing construction]
Spravochnik montazhnika na krupnoelementnom zhilishchnom stroitel'-
stve. Minsk, Gos.izd-vo BSSR, 1962. 359 p. (MIRA 15:7)
(Building) (Apartment houses)

ZAROVKINA, N., inzh.

Prefabrication techniques for special operations. Zhil. stroi.
no. 11:20 B '61. (MIRA 16:7)

(White Russia—Building)

ZAROVKINA, N., inzh.

Department store which will have 300 employees. Zhil. strci.
no.2:24-25 '62. (MIRA 16:1)

1. Obshchestvennyy korrespondent zhurnala "Zhilishchnoye
stroitel'stvo."

(Minsk--Department stores)

ZAROVKINA, N.S.; MINKEVICH, V.V.; NITIYEVSKIY, N.S.

Improving large-panel housing construction in the White Russian SSR. Bet. i zhel.-bet. 9 no.10:441-446 0 '63. (MIRA 16:12)

1. Nachal'nik otдела novoy tekhniki Ministerstva stroitel'stva BSSR (for Zarovkina). 2. Glavnyy inzhener Minskogo domostroitel'nogo kombinata No.1 (for Minkevich). 3. Rukovoditel gruppy otдела krupnopanel'nogo domostroyeniya tresta "Orgtekhstroy" (for Nitiyevskiy).

Sov/100-58-6-3/11

AUTHOR: Zarovkina, N.S., Engineer.

TITLE: Experimental Blocks of Flats in Minsk Constructed from Large Panels.
(Opytno-pokazatel'noye stroitel'stvo krupnopanel'nykh zhilykh domov v Minske.)

PERIODICAL: Mekhanizatsiya Stroitel'stva No 6 1958 pp 10-13 USSR

ABSTRACT: In 1957 building organisations of the Ministry of Building of the Belorussia erected in Minsk 2 large blocks of flats - each block containing 30 flats. Tower crane BK-5-195 with a capacity of 5 tons and an arm reach of 22.7 was used during the assembly. Clinker concrete was used for jointing blocks and the consolidation was carried out by deep vibrators. The building of this type of construction requires 0.538 men per day for 1m³ of building. An analysis of this method of building construction was carried out by the Byuro Tekhnicheskoy Pomoshchi i Normirovaniya Ministerstva Stroitel'stva Belorusskoy SSR - Bureau for Technical Help and Normalisation of the Ministry of Building of the Belorussian SSR. The analysis showed that labour was saved and a higher economy in the use of machinery was achieved; the time of erection was

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Sov/100-58-6-3/11

Experimental Blocks of Flats in Minsk Constructed from Large Panels.

shortened and the cost lowered. The highest savings were achieved by the use of cheaper aggregate in walling blocks, by a higher degree of factory finishing of products, transport etc., There are four Figures.

Card 2/2

1. Housing projects--Construction 2. Construction equipment--
Applications 3. Concrete--Applications

ZAROVNYY, I.P., inzh. (Poltava)

Testing of the electrical strength of transformer oil in a field
laboratory. Energetik. 13 no.7:29-30 JI '65.

(MIRA 18:8)

ACCESSION NR: AP4042757

S/0208/64/004/004/0716/0731

AUTHOR: Zarovnyy, V. P. (Ivano-Frankovsk)

TITLE: On the presentation of machines by theoretical half group formations (t-half groups)

SOURCE: Zhurnal vysshislitel'noy matematiki i matematicheskoy fiziki, v. 4, no. 4, 1964, 716-731

TOPIC TAGS: set theory, associative set, mathematical machine, matrix algebra, mathematical isomorphism

ABSTRACT: Abstract mathematical machines in the sense defined by S. Ginsberg (Some remarks on abstract machines. Trans. Amer. Math. Soc., 10, 96, 400-444) were presented in the context of theoretical half-group formations. The author defined the trivariate machine function and its complementary half-group function and then stated and resolved the question of conditions of \mathcal{F} -machine representation by t-half groups and also by bilateral and commutative t-half groups. The three independent variables (number of states, entering signals, and transition function) were defined and terminology was established describing "ideal" machines, right machines, left machines, machine isomorphism, left and right t-half groups, and bilateral t-half

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ACCESSION NR: AP4042757

groups. Four propositions were offered and proved: 1) any right machine can be enclosed isomorphically in a right r-machine, representing an ideal right t-half group; 2) left analog of 1; 3) a bilateral t-half group is necessarily minimal; and 4) if a right r-machine can be represented as a right (obviously ideal) t-half group, then it can be isomorphically enclosed in such a right r-machine, which is produced by a bilateral m-half group. Four theorems and four lemmas were offered and proved; these dealt with: 1) conditions fulfilled given a right r-machine; 2) necessary and sufficient conditions for a minimal right ideal t-half group to be isomorphically reflected on a divided minimal right ideal t-half group; 3) conditions of fragmentation of minimal right ideal t-half groups and of bilateral t-half groups; 4) necessary and sufficient conditions that a t-pair (right and left) form a bilateral t-half group; 5) necessary and sufficient conditions for right r-machine production by bilateral t-half groups; and 6) necessary and sufficient conditions that a right r-machine be produced by a commutative t-half group. The author thanked L. A. Skornyakov for his valued advice. Orig. art. has: 70 equations.

ASSOCIATION: none

SUBMITTED: 04Mar63

ENCL: 00

SUB CODE: MA

NO REF SOV: 001

OTHER: 001

Card 2/2

ZAROVNYY, V.P.

Group of automatic one-to-one mappings. Dokl. AN SSSR 156 no.6:
1266-1269 Je '64. (MIRA 17:8)

1. Ivano-Frankovskiy gosudarstvennyy pedagogicheskiy institut.
Predstavleno akademikom A.I. Mal'tsevym.

L 41076-65

010000/65/1140/003/0543/0:44

AUTHOR: Zarovnyy, V. P.

TITLE: Automaton substitutions and group interlacings

SOURCE: AN SSSR. Doklady, v. 160, no. 3, 1965, 562-565

TOPIC TAGS: finite automaton theory, group theory

ABSTRACT: It was proven in an earlier author's work (DAN, v. 156, no. 6, 1964) that a group $A(n)$ of all automaton one-to-one mappings onto itself of a set of n letters is isomorphic to a group $K(n)$ of all automaton one-to-one mappings of a set of n letters onto itself, and also its subgroup $K(n, r)$ of all automaton one-to-one mappings of a set of n letters onto itself, which are compatible with the subdirect products of $K(n, r)$ (with $r = 1, 2, \dots$) automaton substitutions of the sets $F(n, r)$ of r -ling words in the alphabet K . In this article, the structure of the groups $K(n, r)$ and $A(n)$ is investigated and this theorem is proven: In order that a mapping $\varphi \in A(n)$ be of the finite-automaton type, it is necessary and sufficient that it be covered with a

Card 1/2

1. The first of the two main parts of the report is a description of the
2. The second part of the report is a description of the results of the
3. The third part of the report is a description of the results of the
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9. The ninth part of the report is a description of the results of the
10. The tenth part of the report is a description of the results of the

Card 2/2

ZAROVNYY V.S.; MARTSENYUK, M.T.

Practices in controlling fascioliasis in sheep. Veterinariia
38 no.11:34-36 N '61 (MIRA 18:1)

1. Gorokhovakaya mezhrayonnaya veterinarno-bakteriologicheskaya
laboratoriya (for Zarovnyy) 2. Pechikhvostskiy veterinarnyy
uchastok, Volynskaya oblast' (for Martsenyuk).

ZAROVNYI, V. S. (The Gorokhov Inter-District Veterinary Bacteriological Laboratory)
and Kartsenyuk, M. T. (The Pechikhvost Veterinary Section, Volhynia Oblast')

"From Experience in the Control of Fascia in Sheep."
Veterinariya vol. 33., no. 11., November 1961., p. 34

ZAROVNYY, A.S.

Gas apparatus for fusing tin on milk cans. Trudy Inst. isp. gaza AN
URSR 3:114-117 '55. (MIRA 9:9)
(Tin plate) (Gas appliances)

ZAROVNYY, G.M.

Taking care of their green friend. Biol. v shkole no. 1:62 Ja-F '61.
(MIRA 14:4)

1. Direktor Omskoy oblastnoy stantsii yunikh naturalistov.
(Forest protection)

ZAROVNIY, I.A., inzh.

Hydraulic steering gear connections using devices developed
by the tractor industry. Sudostroenie 27 no.2:56-58 F '61.
(MIRA 16:7)

(Steering gear—Hydraulic drive)

TSEREKOV, T.Kh.; LAYKIN, A.Ya.; BATYUKOV, M.I.; ZAROVNYY, M.I.;
CHUPRIKOV, V.I.

Using oxygen during the Waelz process treatment of zinc cake.
TSvet. met. 36 no.6:34-39 Ja '63. (MIRA 16:7)

(Nonferrous metals---Metallurgy)
(Oxygen---Industrial applications)

ZAROVNYY, P.

Prospects for developing the gas industry and gasification of cities
in 1959-1965. Zhil.-ko.,khov. 8 no.10:14-15 '58. (MIRA 11:11)

1. Nachal'nik Glavgaza Ministerstva kommunal'nogo khozyaystva RSFSR.
(Gas, Natural) (Gas distribution)

ZAROVNYY, P.B.

Gas supply in the cities of the R.S.F.S.R. in 1964-1965. Gaz.
prom. 10 no.1:22-25 '65. (MIRA 18:1)

ZAROVNYY, P.

New stage in the expansion of the gasification of R.S.P.S.R.
cities. Zhil-kom. khos. 8 no.5:7-8 '58. (MIRA 11:6)
(Gas distribution) (Gas pipes)

ZAROVNIY, P.

Gas Manufacture and Works

Results of the conference of city gas-works employees of the R.S.F.S.R.,
Zhil. kom. khoz. 2 No. 1, 1952

Monthly List of Russian Accessions, Library of
Congress, July 1952. Unclassified

ZAROVNYY, P., Eng.

Gas Manufacture and Works

New stage in the development of municipal gas supply, Zhil. -kom. khoz. 3, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZAROVNYY, P.

Supplying gas for cities by the use of liquefied gas. Zhil.-kon.khoz.
4 no.6:8-9 '54. (MIRA 7:10)
(Liquefied petroleum gas)

ZAROVNYY, P.B.

Use of gas in West European cities. Gor. khoz. Mosk. 31 no.2:36-38
'57. (MIRA 10:4)

(Europe, Western--Gas appliances)

YELKIN, Vasilii Gavrilovich; KAPLUN, Yefim Iosifovich; ZAROVNYY, P.B.,
red.; SHNEYEROV, S.A., red.izd-va; SHELKHT, A.A., tekhn.red.

[Domestic appliances using liquefied gas] Bytovye ustanovki
zhidkogo gaza. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959.
111 p. (MIRA 13:1)
(Liquefied petroleum gas) (Gas appliances)

ZAROVNIY, P.B.

Gasification of cities and industrial enterprises of the
R.S.F.S.R. Gaz.prom. 5 no.7:27-30 '60. (MIRA 13:7)
(Russia---Gas distribution)
(Gas, Natural---Pipelines)

KNAPP, Konstantin Konstantinovich; ZAROVNYY, P.B., red.; CHEKRYZHOV,
V.A., red. izd-va; KHENOKH, F.M., tekhn. red.

[New gas equipment serving communal and home needs]Novoe kom-
munal'no-bytovoe gazovoe oborudovanie. Moskva, Izd-vo M-va
kommun.khoz.RSFSR, 1962. 65 p. (MIRA 16:3)
(Gas appliances)

GORDYUKHIN, A.I., kand. tekhn. nauk; ZAROVNYY, P.B., red.;
CHEKRYZHOV, V.A., red. izd-va; KHENOKH, F.M., tekhn. red.

[Urban gas networks] Gorodskie gazovye seti. Izd. 2., perer.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1962. 333 p.
(MIRA 15:10)

(Gas distribution)

SOSNIN, Yuriy Pavlovich; ZAROVINYY, P.B., red.; KORNEVA, G.V.,
red. izd-va; KHENOKH, F.M., tekhn. red.

[Converting a local heating system to gas fuel] Perevod
mestnogo otopleniia na gazovoe toplivo; posobie dlia
pechnikov i tekhnikov domoupravlenii. Moskva, Izd-vo
M-va kommun.khoz.RSFSR, 1963. 159 p. (MIRA 16:12)
(Gas heating)

DEMIDOV, Georgiy Vasil'yevich; ZAROVNYY, P.B., red.; PANCHENKO, M.F.,
red.isd-va; SALAZKOV, N.P., tekhn.red.

[Urban gas supply system] Gorodskoe gazovoe khoziaistvo.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 287 p.

(MIRA 13:12)

(Gas distribution)

ZAROVNIY, P.B.

Gas supply of the cities of the R.S.F.S.R. Gaz.prom.no.1:21-23 Ja '56.
(MIRA 10:1)

(Gas distribution)

RYABTSOV, Nikolay Il'ich, kandidat tekhnicheskikh nauk; ZAROVNYY, P.B.,
redaktor; AKATOVA, V.O., redaktor izdatel'stva; KONTASHINA, A.,
tekhnicheskii redaktor

[Natural and synthetic gases] *Estestvennye i iskusstvennye gazy.*
Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1956.
327 p. (MLRA 9:9)

(Gas) (Gas, Natural) (Fuel)

ASIKRITOVA, N.A., red.; BURTSEV, M.I., glavnyy inzh., red.; BURYAK, A.R., red.; GLOTOV, D.I., tokar', red.; ZAROVNYY, P.I., dispatcher, red.; NOSANOV, V.A., red.; TSEPKOV, I.V., red. [deceased]; AGISHEV, R.K., red.; MARKOVA, S.M., red.; KAYDALOVA, M.D., tekhn.red.

[Energomash; 25 anniversary of the Khabarovsk Electric Power Machinery Plant] Energomash; 25 let proizvodstvennoi deiatel'nosti Khabarovskogo zavoda energeticheskogo mashinostroyeniya. Khabarovsk, 1958. 349 p. (MIRA 12:9)

1. Khabarovskiy zavod energeticheskogo mashinostroyeniya.
2. Khabarovskiy zavod energeticheskogo mashinostroyeniya "Energomash" (for all except Markova, Kaydalova).
3. Zavoduyshchaya partiynym kabinetom zavoda "Energomash" (for Asikritova).
4. Sekretar' partiynogo byuro zavoda "Energomash" (for Buryak).
5. Deputat Khabarovskogo gorodskogo Soveta deputatov trudyashchikhaya (for Glotov).
6. Direktor zavoda "Energomash" (for Nosanov).

(Khabarovsk--Machinery industry)

GORBACH, K.D., inzh.; LEDNEV, G.S., inzh.; ZAROVNYY, V.M., tekhnik

Diesel locomotives are brought into the depot by low
voltage current. Elek.i tepl.tiaga 3 no.7:23 J1 '59.
(MIRA 13:3)

(Electric railroads--Repair shops)

ZAROVNYY, V.P.

Interpretation of plane axioms of Euclidean geometry in a certain
abstract group. Ukr. mat. zhur. 12 no.3;244-256 '60. (MIRA 13:11)
(Geometry, Plane)

ZAROVNYY, V.P. (Stanislav)

Circles on affine planes with Euclidean orthogonality. Mat.
sbor. 62 no.1:14-30 S '63. (MIRA 16:10)

(Surfaces, Orthogonal) (Geometry, Plane)

ZAROVNYY, V.P.

Representation of a machine's transition function by
associative operations. Dokl. AN SSSR 150 no.2:245-247 My '63.
(MIRA 16:5)

1. Predstavleno akademikom A.I.Mal'tsbym.
(Groups, Theory of)

ZAROVNIY, V.P.

Semigroups with condensers. Ukr. mat. zhur. 14 no.3:325-
327 '62. (MIRA 15:9)

(Groups, Theory of)

ZAROVNYI, V.P. (Stanislav)

Interpretation of plane axioms of affine geometry in a certain
abstract group [with summary in English]. Ukr.mat.zhur. 10
no.4:351-364 '58. (MIRA 12:1)
(Geometry) (Groups, Theory of)

16(1)

AUTHOR: Zarovnyy, V.P. (Stanislav)

SO7/41-10-4-1/11

TITLE: Interpretation of the Plane Axioms of the Affine Geometry in a Certain Abstract Group (Interpretatsiya ploskostnykh aksiom affinnoy geometrii v nekotoryy abstraktnoy gruppe)

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1958, Vol 10, Nr 4, pp 351-364 (USSR)

ABSTRACT: The proposed interpretation is based on a dictionary in which as "points" there serve the elements of the considered groups, as "straight lines" there serve certain subgroups. The author defines groups Φ_i , where $\{\Phi_1\} \supset \{\Phi_2\} \supset \{\Phi_3\} \supset \{\Phi_4\}$; e.g.: $\Phi(I) \cong \Phi_1$ is a group having a set $\{G_\alpha\}$ of proper subgroups so that $\bigcup G_\alpha = \Phi_1$, $G_{\alpha_1} \cap G_{\alpha_2} = e$ (e - unit element), if $G_{\alpha_1} \neq G_{\alpha_2}$ and every G_α is a normal divisor. It is shown that in Φ_1 there hold the Hilbert axioms I_{1-3} , in Φ_2 it holds the strengthened parallel postulate, in Φ_3 there holds the axiom of Pasch, and in Φ_4 the theorem of Desargues is valid.

Card 1/2

Interpretation of the Plane Axioms of the
Affine Geometry in a Certain Abstract Group

SOV/41-10-4-1/11

Thus in ϕ_4 all axioms of the plane affine geometry can be
interpreted except the axiom of Dedekind.
There are 4 figures.

SUBMITTED: November 10, 1957

Card 2/2

ZARGOVHYY, V.P.

Automaton substitutions and group interlacements. Dokl. AN SSSR
160 no.3:562-565 Ja '65. (MIRA 18:3)

1. Ivano-Frankovskiy gosudarstvennyy pedagogicheskiiy institut.
Submitted July 17, 1964.

ZAROVHYI, V.P. (Stanislav obl.)

Interpretation of the plane axioms of Euclidean geometry in an
abstract group. Part 1 [with summary in English]. Ukr.mat.
zhur. 12 no.1:3-12 '60.

(MIRA 13:10)

(Geometry, Plane)

ZAROVNYY, V. P., Cand. Phys-Math. Sci. (diss) "Structure of Interpretations of Sloping, Affine, Euclid and Projected Surfaces in Abstract Groups and Semi-groups." Kiev, 1961, 8 pp (Kiev State Univ.) 150 copies (KL Supp 12-61, 251).

ZAROVNIY, V.S.; GNATIV, V.I., veterinarnyy vrach (Volynskaya obl.); YURCHENKO, S.P., veterinarnyy vrach (Volynskaya obl.)

Use of ONK-B sprayer for disinfecting and whitewashing livestock buildings. Veterinariia 40 no.9:66 S 63. (MIRA 17:1)

1. Zaveduyushchiy Gorokhovskoy veterinarnoy laboratoriyey (for Zarovnyy),

KOS'KO, F.A. (Belorusskaya SSR); SHMIDLEVICH, Sh.S. (Belorusskaya SSR);
SHCHASTLIVYY, I.N. (Belorusskaya SSR); ZAROVNYY, V.S. (Belorus-
skaya SSR); ZAROVNYY, V.S.

Measures for extremely dangerous focuses of infection. Veterinariia
41 no.9:7-9 S '64. (MIRA 18:4)

1. Direktor Gorokhovskoy veterinarnoy laboratorii, Volynskaya
oblast' (for Zarovnyy).

GNEVKO, D.G.; ZAROZHNYI, A.M.

Experience in using a closed-loop network in a low-voltage
power distribution system. Elek.sta. 33 no.12:40-42 D '62.
(MIRA 16:2)

(Electric power distribution)

FEDOSENKO, R.Ya., kand. tekhn. nauk (Moskva); REYNVALD, O.A. [Reinvalds, O.]
(Riga); GNEVKO, D.G., inzh. (Minsk); ZAROZHNYI, A.M., inzh. (Minsk);
VOYTKO, A.M., inzh. (Minsk); FEDOROV, Ye.Ya., inzh. (Minsk);
AYZENBERG, B.L., doktor tekhn. nauk (Leningrad)

Protection of closed-loop networks. Elektrichestvo no.2:
83-89 F '65. (MIFA 18:3)

ZARRINA, Ye.P.; KAPLYANSKAYA, F.A.; KRASNOV, I.I.; MIKHANKOV, Yu.M.;
TARNOGRADSKIY, V.D.

Periglacial formation in the West Siberian Plain. Mat. VSEGEI
Chet. geol. i geomorf. no.4:54-104 '61.

(MIRA 17:5)

ZARRINA, Ye.P.; KRASNOV, I.I.

Origin and stratigraphic position of Sanchugovka-Taz "morainelike" sediments in the northern part of the West Siberian Plain. Trudy VSEGEI 64:45-60 '61. (MIRA 15:6)
(West Siberian Plain--Moraines)

ZARS, V. V. Cand Tech Sci -- (diss) "Study of Vibrations During
Lathe ^{Work} ~~Turning~~" Len, 1957. 22 pp 21 cm. (Min of Higher
Education USSR, Len Polytechnic Inst im M. I. Kalinin), 100 copies
(KL, 25-57, 113)

61
- 60 -

ZARS, V-V

AUTHOR: None given

122-2-33/33

TITLE: Dissertations (Avtoreferaty dissertatsiy)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, No.2, p.86 (USSR)

ABSTRACT: N.F. Bocharnikov - Research into Ways of Substituting Tin in Cast Copper Base Alloys (Izyskaniye putey zameny olova v liteynykh splavakh na mednoy osnove). Submitted to TsNIITMASH. As a result of laboratory research carried out by the author, a copper base alloy has been obtained not containing tin and possessing good mechanical and casting properties, as well as satisfactory anti-friction properties and a good resistance against corrosion and cavitation. It is noted in the conclusions that the alloy so obtained can, in many instances, replace tin bronzes and aluminium bronzes which have poor casting qualities. V.A. Zemlyanskiy - Research into the Process of Chip Breaking by a Cutting Tool Provided with a Chip Breaking Device (Issledovaniye protsessa drobleniya struzhki na reztse so struzhkolomom) Submitted to the Moscow Aviation Production Institute (Moskovskiy aviatsionnyy tekhnologicheskii institut). The work contains an analysis of the forces acting on the chip breaking device. A procedure for designing the chip breaker dimensions is proposed and verified. This procedure is suitable for different conditions of machining and does not require complicated computations

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Dissertations

122-2-33/33

or tables.

L.V. Khudobin - The Development and Evaluation of Novel Production Methods with Cylindrical Grinding Machines (Razrabotka i issledovaniye novykh tekhnologicheskikh vozmozhnostey krugloshlifoval'nykh stankov). Submitted to the Moscow Machine Tool and Tool Institute imeni I.V. Stalin (Moskovskiy stankoinstrumental'nyy institut imeni I.V. Stalina). Possible methods of production using cylindrical grinding machines provided with an automatic system of control, monitored by the magnitude of the radial grinding force are considered. Tests carried out on a cylindrical grinding machine with longitudinal workpiece traversing were the basis of the automatic control system described.

V.V. Zars - Research into Vibrations in Turning (Issledovaniye vibratsiy pri tochenii). Submitted to the Leningrad Polytechnical Institute imeni M.I. Kalinin (Leningradskiy politekhnicheskii institut imeni M.I. Kalinina).

AVAILABLE: Library of Congress
Card 2/2

KLIMOV, Zenon Stej novich; KONYUKHOV, Ivan Yefimovich, dots.;
ZARS, Varaidots; RYBAKOV, Pavel Il'ich

[Repair and modernization of industrial equipment] Remont i modernizatsiia oborudovaniia. Pod red. I.E. Koniukhova. Riga, Nauchno-tekhn. ob-vo mashinostroit. promyshl., 1963. 145 p. (MIRA 17:7)

. Zamestitel' predsedatelya Latvviyskogo Respublikanskogo pravleniya Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti (for Konyukhov).

RADZINS, Z., dots.; ZAMS, V., dots.; ARMENTINS, V., red.

[Hydraulic machinery and mechanisms] Hidrauliskas masinas un mehanismi. Riga, Latvijas Valsts izd-ba, 1964. 510 p. [In Latvian] (MIRA 18:1)

SOWINSKI, Wladyslaw, dr. med.; JURAK, Jan; MIELNIK, Zbigniew; PUJDAK,
Jerzy; ZARSKI, Bohdan

Delayed primary fixation of fractures with spongy bone grafts
in the treatment of "difficult" shin fractures. Chir. narzad.
ruchu ortop. Pol. 30 no.1:1-5 '65.

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach
Slaskich (Dyrektor i Kierownik Naukowy: dr. med. Wl. Sowinski).

KNAPIK, Zbigniew; PACZYNSKA, Dorota; ZARSKI, Janusz

Familial incidence of peptic ulcer. Pol. tyg. lek. 20 no.21:
769-770 24 My '65.

1. Z Katedry Medycyny Ogolnej Studium Doskonalenia Lekarzy w
Warszawie, na bazie Oddzialu Wewnetrznego A Szpitala Woje-
wodzkiego we Wroclawiu (Kierownik: porf. dr. med. Jozef Kaniak).

WISLAWSKI, Jerzy; HAFTEK, Jan; ZARSKI, Stefan

Co-existing 2 cerebral tumors originating from different embryonic formations. Pol. tyg. lek. 19 no.30:1165-1166 27 J1'64

1. Z Kliniki Neurochirurgii Akademii Medycznej w Warszawie;
kierownik: prof. dr. med. Lucjan Stepień.

MEMPEL, Eugeniusz; SREBRZYNSKA, Jadwiga; ZARSKI, Stefan

Analysis of cases of mixed speech disorders appearing after injuries of the "posterior aphasic region". Rozpr.wydz.nauk med. 6 no.2:73-92 '61.

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(SEX SPEECH DISORDERS etiol) (BRAIN dis)

MEMPEL, Eugeniusz; SREDZIYSKA, Jadwiga; SUDCZYNSKI, Janusz; ZARSKI, Stefan

Compensation of speech disorders by the non-dominant hemisphere in adult age. Rozpr.wydz.nauk med. 6 no.2:109-128 '61.

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(SPEECH DISORDERS physiol) (BRAIN dis)

ZARSKI, Tadeusz, mgr

Distribution of apartments built in Warsaw in the years
1950-1959. Inst bud mieszk prace 12 no.35:61-107 '62.

ZARSKI, Tadeusz

Problems of city apartment buildings in People's Poland. Prace
zabezp spol 6 no.10:1-8 0 '64.

ZARSKIY, I.A., inzh.

Operation of the furnace of a slag wool unit. Energ. stroi.
no.27:44-47 '62. (MIRA 15:9)

1. Proyektnoye byuro tresta "Donbassenergostroy".
(Mineral wool)

ZARSKIY, I.A., inzh.; GUKHOVETS, G.N., inzh.

Bridge cranes for servicing construction yards. Energ.stroi.
no.4:51-55 '59. (MIRA 13:3)

1. Proyeektnoye byuro tresta "Donbassenergostroy".
(Cranes, derricks, etc.)

L 30016-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6020101

SOURCE CODE: CZ/0057/66/000/002/0004/0005

AUTHOR: Zarsky, Jiri (Engineer); Zavadsky, Jiri (Engineer)

ORG: VZKG, Ostrava

TITLE: Practical experience with sand blasting in the cold rolling mill of the Klement Gottwald Vitkovice iron works

SOURCE: Hutnik, no. 2, 1966, B4-85

TOPIC TAGS: cold rolling, pickling, hydrochloric acid

ABSTRACT: The authors describe operation of a unit purchased from the French firm Soummer and Sisson-Lehman. The unit does not remove scale as much as is needed, and therefore the authors had to design a pickling unit as a second step of rust removing. The main difficulty with the plant is due to the fact that "V" bolts for the drives in the plant cannot be obtained in a satisfactory quality from Czechoslovak production. Pickling was tried with 20% HCl at 18°C, but the finished product did not have a satisfactory appearance; now, 10% sulfuric acid is used at 60-70°C with satisfactory results. The authors found that operation of the sand blasting plant is 60% more expensive than the use of acid pickling.

Orig. art. has: 2 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card 1/1. *Jo*

27
B

L 35942-66 EWP(k)/EWP(t)/ETX IJP(c) JD/HW

ACC NR: AP6027382

SOURCE CODE: CZ/0034/65/000/009/0651/0658

AUTHOR: Dedek, Vladimir (Engineer); Zarsky, Jiri (Engineer)

ORG: VZKG, Ostrava

TITLE: Effect of total cold deformation and of annealing on the deep drawing properties of strip steel

SOURCE: Hutnicke listy, no. 9, 1965, 651-658

TOPIC TAGS: metal drawing, annealing, metal deformation, cold rolling, steel microstructure, pearlite, ferritic steel, tensile strength, metallurgic process

ABSTRACT: Some steels
show a non-uniform structure after the cold rolling process; this occurs when the microstructure contains cementite in coarse configurations or in the shape of lamellar pearlite on ferritic grain boundaries. Investigation covered cold rolling deformation of 20, 50, and 80%, followed by annealing at 600-800°C for 1 - 10 hours, and by cooling at a rate of 45 - 1400°C per hour. Tensile strength of the samples was measured, and comparison is made for different qualities of steels and for different locations of the test sample on the original steel strip. Orig. art. has: 9 figures and 4 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 13, 11, 20 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001

OTH REF: 004

Card 1/1 *ne*

UDC: 669.14.018.26

ZARSKY, M.

ZARSKY, M. This year's exhibition of machinery in L'no. p. 275.

Vol. 4, No. 7, July 1956.

STROJITENSKA VYROBA.

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

Zaiter, W. R. WEST BOHEMIAN KAOLIN AND CLAY
DEPOSITS. *Zpravy Ces. by. Znam. Společnosti*, 9 [1-2]
61-66 (1932).—The origin of kaolins and clays, geological
stratification, origin, and composition of Zettlitz and
Kaaden kaolins, and the clay deposits of Eger-Wildstein
basin are discussed.

NAKHIMOVSKAYA, A.; ZARTAYSKAYA, D.

Ruled surfaces in Lobachevskii's space. Uch.zap.BGU no.32:109-114
! 57. (MIRA 11:12)

(Surfaces, Ruled)

ZARTER, W. R.

Zarter, W. R. WEST BOHEMIAN KAOLIN AND CLAY
DEPOSITS. *Zpravy Ceskeho keram. spolčenstvi*, 9 [1-2]
61-75 (1932).—The origin of kaolins and clays, geological
stratification, origin, and composition of Zettlitz and
Kaaden kaolins, and the clay deposits of Eger-Wildstein
basin are discussed.

1ST AND 2ND LETTER																										3RD AND 4TH LETTER																										5TH AND 6TH LETTER																									
ALPHABET																										ALPHABET																										ALPHABET																									
<p>Zettlitz, W.-R. <i>West Bohemian KAOLIN AND CLAY DEPOSITS. Zetitzka, keram. spolekosti, 9 [1-2] 61-75 (1932).</i>—The origin of kaolins and clays, geological stratification, origin, and composition of Zettlitz and Kaaden kaolins, and the clay deposits of Eger-Wilhelms basin are discussed.</p>																																																																													

13

ca

Boot polish. Alajon-Zarler: Hung. 114,240, May 1, 1930. Addn. to Hung. 111,000. To the usual mixt. of creams 0.1 part CH_2O , 1.0 part of an ester of a higher fat alcohol and sulfuric acid or its Na salt and 100 parts of dil. colloidal cellulose or a similar material (e. g., colloidal Ca powder) are added in a moistened state incorporated into the mixt.

ASAC 51.4 METALLURGICAL LITERATURE CLASSIFICATION

121,521, April 1, 1940. To soap stock is added a homo-
genized emulsion or aq. dispersion of rubber latex (prepd.
by cataphoresis or as a real solution or in form of thick
powd. rubber) in amts. of 10-15%. Casein or cow milk
or gum arabic may also be added to prevent the coagula-
tion of the rubber latex.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

19

ca

West Bohemian kaolin and clay deposits. W. R.
Zartner. *Zpravy techoslov. keram. spolnost* 1937, 45-50.
J. Kucera
Chem. (Obzor B, 20a).

ASH-STA METALLURGICAL LITERATURE CLASSIFICATION

19

CA

WEST BOHEMIAN KAOLIN AND CLAY DEPOSITS. W. R. ZARTNEY. Zprávy Geologického ústavu 1932, 48-76; (Zem. Ústav 8, 200). J. KUČERA

ASB. 11.6 METALLURGICAL LITERATURE CLASSIFICATION

ZARUBA, A., inz.

Development of the use of containers for transportation in Soviet Union. Nova tehnika no.8:372-373 '60.

ZARUBA, Antonin, inz.

New techniques, investments and their effectiveness in the Soviet
Union. Doprava no.11:366-368 '60.

ZARUBA, Antonin, inz.

Some conclusions from the road transportation statistics in
Great Britian. Siln doprava 11 no.4:5 Ap '63.

ZARUBA, Antonin, inz.

Contribution to the computation of operational costs in
automobile transportation. Doprava 7 no.2:122-125 '65.

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Saving lumber by increasing the use of containers. Drevo 20
no.4,126-129 At '66.

1. Institute of Technical and Economic Information, Prague.

ZARUBA, A.

New railway cars of the sixth Five-Year Plan. Tr. from the Russian. p. 332.
(NOVA TECHNICA, Vol. 1, No. 11, Nov 1956, Praha, Czechoslovakia)

CC: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

ZARUBA, A.

Engineers' accounts; a new form of socialist competition among technical materials to research institutes. p.58 (Nova Technika, Vol.1, no.2, Feb. 1956) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol.6, No.7, July 1957. Uncl.

ZA KUBA, A.

Parameters of Soviet railroad freight cars. p. 51

STROJIRENSTVI (Ministerstvo težkeho strojirenstvi, ministerstvo presneho strojirenstvi
a Ministerstvo automobilovskeho prumyslu a zemedelskych stroju)
Praha, Czechoslovakia
Vol. 9, no. 1, Jan. 1959

Monthly list of East European Accessions (EMA), LC, Vol. 8, No. 7
July 1959
Uncl.

GRADUA, Antonio, inz.

Calculation of the total costs of automobile transportation
according to the vehicle type and model. Doprava 6 no.6:
428-433 '64.

ZARUBA, Borivoj

"Paleontology" by V.V.Druscic [Drushchits, V.V.], O.P.Obruceva [Obrucheva, O.P.]. Reviewed by Borivoj Zaruba. Cas min geol 9 no. 1:18 '64.

"Tertiary Pectinidae of Japan" by Koichiro Masuda. Reviewed by Borivoj Zaruba. Ibid.:78

ZARUBA, C: LHOTSKY, J

Desinfecting with "Hexachloran" and its affect on soil properties. p.493
SBORNIK RADA LESNICTVI. Praha. Vol. 28, no. 4, August 1955

SOURCE: East European Accessions List, (EEAL) Library of Congress
Vol. 5, No. 8, August 1956

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clear cutting to gradual shelterwood cutting system.
Les cas 9 no.4/5:496-497 '63.

1. Ustav pro hospodarskou upravu lesu, Zvolen.

KONOPIK, J.; ZARUBA, F.

Experimental erysipelas in inoperable carcinoma. Cesk. dermat.
39 no.4:229-232 J1'64

1. I. dermato-venerologicka klinika fakulty vseobecneho le-
karstvi KU [Karlov university] v Praze; prednosta: prof. dr.
J. Konopik, DrSc.

ZARUBA, F.; MELLAN, J.; SIPOVA, I.

Mental and sexual factors in ano-genital pruritus. Cesk. dermat.
40 no.6:388-392 D '65.

1. I. dermato-venerologicka klinika (prednosta prof. dr. J. Konopik,
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no.5:91-94 My '63.

(MIRA 15:11)

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no.1:34-40 '61.

1. Institut elektrického zvarania, Kijev.

ZARUBA, I. I.

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Welding of turning pipes with two arcs at a uniform load in a three-phase line.
Avtom. svar. 4, No. 5 (20), 1951

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Cand Tech Sci, Inst of Electric Welding, Acad Sci Ukr SSR, Kiev 1953.
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Automatic flux welding of the front suspension cylinders of the
"Moskvich" automobile. Avtom.svar. 6 no.5:77-82 S-O '53.
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1. Institut elektrosvarki im. Ye.O.Patona Akademii nauk USSR
(for Zaruba and Lashkevich) 2. Zavod malolitrzhnykh avtomobiley
(for Sukhobokova)
(Automobiles) (Electric welding)

PATON, B.Ye., redaktor; ZARUBA, I.I., kandidat tekhnicheskikh nauk, retson-
zent; ZALOGIN, H.S., redaktor izdatel'stva; RUDENSKIY, Ya.V.,
tekhnicheskiiy redaktor

[Handbook of electric submerged melt welding] Elektroshlakovaya
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1. Akademiya nauk URSR, Kiev. Institut elektrozvarivaniya. 2.
Chlen-korrespondent AN USSR (for Paton)
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ZARUBA, I.I., kandidat tekhnicheskikh nauk.

Seiautomatic welding of sheet steel with consumable electrodes.
Avton.svar. 10 no.3:9-21 My-Je '57. (MLRA 10:8)

1.Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki
imeni Ye.O. Patona Akademii nauk USSR.

(Sheet steel--Welding)
(Electric welding--Equipment and supplies)